

ACP-249 – Easy Green

Date: 08/15/2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Easy Green

Other Means of Identification

Product Code ACP-249

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Degreaser / Cleaner / Deodorizer

Details of the Supplier of the Safety Data Sheet

Manufacturer Address Arrow Chemical Products, Inc.
5933 W. KL Ave
Kalamazoo, MI 49009

Emergency Telephone Number

Company Phone Number 313-237-0277
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Acute toxicity Oral	Category 4
Acute toxicity Inhalation	Category 2
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2 Sub-category B

Signal Word

WARNING

Hazard Statements

Direct eye contact will cause irritation.
May be harmful if swallowed.
Prolonged or repeated contact may be drying to skin.



Appearance Green liquid

Physical State Liquid

Odor Sassafras Scent

Precautionary Statements - Prevention

Do not taste or swallow.
 Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 If irritation persists seek medical attention.
IF ON SKIN (or hair): Rinse skin with water/shower Wash contaminated clothing before reuse
IF INHALED: If adverse effect occurs, move to fresh air.
IF SWALLOWED: Drink plenty of water to dilute.

Precautionary Statements - Storage

Store in a cool dry place. KEEP OUT OF REACH OF CHILDREN. Keep container tightly closed and in an upright position when not in use.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
2-Butoxyethanol	111-76-2	0 - 8
Sodium xylenesulfonate	1300-72-7	0 - 5
Ethoxylated Alcohol	68439-46-3	0 - 2
Sodium Tripolyphosphate	7758-29-4	0 - 1
Sodium hydroxide	1310-73-2	0 - 1

The balance of ingredients are not considered as hazardous to health or the environment and are being withheld as a trade secret

4. FIRST AID MEASURES

First Aid Measures

- Inhalation** If adverse effect occurs, move to fresh air.
- Eye Contact** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists seek medical attention
- Ingestion** Drink plenty of water to dilute
- Skin Contact** Rinse skin with water/shower Wash contaminated clothing before reuse.

Most Important Symptoms and Effects, both Acute and Delayed

- Symptoms** May cause mild irritation to eyes. Swallowing may cause gastrointestinal discomfort.

Indication of any Immediate Medical Attention and Special Treatment Needed

- Note to Physicians** Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water fog, foam, dry chemical powder, or carbon dioxide (CO2).

Unsuitable Extinguishing Media High volume water jet.

Specific Hazards Arising from the Chemical

During fire, carbon oxides, oxides of phosphorus may be formed.

Hazardous Combustion Products None known.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewer, basements or confined areas.

Methods for Cleaning Up Collect using an inert absorbent material and keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Use personal protective equipment as required. Do not taste or swallow.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Store in a cool dry place. KEEP OUT OF THE REACH OF CHILDREN. Keep container tightly closed and upright when not in use.

Incompatible Materials Strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm	TWA: 5 ppm
Sodium Tripolyphosphate 7758-29-4	10mg/m ³	TWA 15 mg/m ³	-
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³	Ceiling: 2 mg/m ³

Appropriate Engineering Controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Splash goggles or safety glasses if splashing is likely.

Skin and Body Protection Rubber or other impervious gloves for prolonged exposure.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Sassafras
Appearance	Green liquid	Odor Threshold	Not determined
Color	Green		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	11.0 – 14.0	
Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	>200 °F	
Flash Point	N	
Evaporation Rate	1	Water = 1
Flammability (Solid, Gas)	Not applicable	
Upper Flammability Limit	Not applicable	
Lower Flammability Limit	Not applicable	
Vapor Pressure	18 mmHg @ 20°C	
Density	8.6 Lb./Gal	
Specific Gravity	1.03	
Water Solubility	complete	
RVOC	<4%	CARB Method 310

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions.

None under normal processing

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Excessive heat and contamination of any kind.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide, oxides of Phosphorous may occur.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation Not expected to be an inhalation hazard.

Eye Contact May cause mild irritation.

Skin Contact May cause irritation consisting of transient redness and swelling.

Ingestion May cause gastrointestinal discomfort.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol 111-76-2	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg (Rabbit)	= 2.21 mg/L (Rat) 4 h = 450 ppm (Rat) 4 h
Ethoxylated Alcohol 68439-46-3	>2000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	-
Sodium Tripolyphosphate 7758-29-4	>3900 mg/kg (Mouse)	>4900 mg.kg (Rabbit)	
Sodium hydroxide 1310-73-2	-	= 1350 mg/kg (Rabbit)	-

Information on Physical, Chemical and Toxicological Effects

Symptoms May cause mild irritation to eyes. Swallowing may cause gastrointestinal discomfort.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity No components of this product have been identified as a carcinogen or potential carcinogen by ACGIH, IARC, OSHA, or NTP.

Numerical Measures of Toxicity
Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Persistence and Degradability
Readily biodegradable as defined by OECD 301D

Bioaccumulation
The potential for bio-concentration in aquatic organisms is not expected.

Mobility
Not determined.

Other Adverse Effects
Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not reuse packaging.

14. TRANSPORT INFORMATION

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	NA1760 Compounds, Cleaning Liquid, 8, III
<u>IATA</u>	NA1760 Compounds, Cleaning Liquid, 8, III
<u>IMDG</u>	NA1760 Compounds, Cleaning Liquid, 8, III

15. REGULATORY INFORMATION

International Inventories

TSCA Listed

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*

US Federal Regulations

SARA 313 To the best of our knowledge there are no chemicals that require reporting under this statute.

US State Regulations

U.S. State Right-to-Know Regulations

No components of this product appear on any state lists.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	2	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2	0	0	B

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet